

69109 and 69110.

From Honolulu, Hawaii. Seeds presented by W. A. Setchell, through T. H. Kearney, Bureau of Plant Industry. Received October 18, 1926.

69109. GOSSYPIUM TOMENTOSUM Nutt.
Malvaceae. Cotton.

Hawaiian-grown seeds.

69110. KOKIA ROCKII Lewton. Malvaceae.
Kokio.

A handsome tree, native to the island of Molokai, Hawaii, which becomes about 20 feet high. The somewhat fleshy deep-green orbicular leaves are in whorls at the ends of the branches, and the bright-scarlet flowers, about 6 inches across, are freely produced.

69111. DEGUELIA DALBERGIOIDES (Baker) Taub. (*Derris dalbergioides* Baker). Fabaceae.

From Dar es Salaam, Tanganyika Territory, East Africa. Seeds presented by A. H. Kirby, Director of Agriculture. Received October 26, 1926.

A small, spreading tree, described by Hooker (Flora of British India, vol. 2, p. 241) as being about 20 feet high, with rigid dark-green compound leaves, and copious racemes of pink flowers. Native to eastern India and Java.

For previous introduction see No. 63768.

69112 to 69117.

From Manchuria. Seeds obtained by P. H. Dorsett, agricultural explorer, Bureau of Plant Industry. Received October 11, 1926.

69112. ACER GINNALA Maxim. Aceraceae.
Maple.

No. 6457. Shitankhetsy. August 23, 1926.

69113. IMPATIENS NOLITANGERE L. Impatiensaceae.

No. 6459. Near Shitankhetsy. August 24, 1926. A yellow-flowered herb.

69114. IMPATIENS sp. Impatiensaceae.

No. 6465. August 26, 1926. A creamy white-flowered herb from 17 Verst, a station on the new branch line of the Chinese Eastern Railway.

69115. RUBUS CRATAEGIFOLIUS Bunge. Rosaceae. Red raspberry.

No. 6461. Shitankhetsy. August 25, 1926. A large red raspberry which caps easily. It may be a wild species or perhaps a seedling from the many cultivated plants grown here.

69116. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

No. 6468. Shitankhetsy. August 27, 1926.

69117. TRIFOLIUM LUPINASTER L. Fabaceae. Clover.

No. 6469. Shitankhetsy. August 27, 1926.

69118 to 69125.

From Buitenzorg, Java. Seeds presented by Dr. L. Koch, Chief of the Plant-Breeding Station for Annual Crops. Received October 25, 1926.

69118 to 69125—Continued.

69118. CALOPOGONIUM MUCUNOIDES Desv. Fabaceae.

A tropical American plant which is said to be popular as a cover plant in Sumatra, according to J. N. Milsum and E. A. Curtler (Malayan Agricultural Journal, vol. 13, No. 8, August, 1925, pp. 271-72). These authorities state that a fair cover is obtained after three months from sowing, when flowering commences. The plant is a vigorous creeping herb which forms a mat of foliage $1\frac{1}{2}$ feet or so in thickness over the soil. The stems, 3 to 10 feet long, form roots at each node. The pale-blue flowers are in racemes 1 to 4 inches long.

For previous introduction see No. 66085.

69119. CROTALARIA ANAGYROIDES H. B. K. Fabaceae.

This species is now given preference here in Java as green manure; it produces more vegetation and does not pack down easily. It is especially satisfactory in higher altitudes and is in such great demand for the tea plantations in the higher mountains that we have to limit our seed distributions to small quantities. (Note by Dr. P. J. S. Cramer under No. 58466.)

For previous introduction see No. 66251.

69120. CROTALARIA USARAMOENSIS Baker f. Fabaceae.

This East African crotalaria has been tested in Java as a green manure, according to Dr. P. J. S. Cramer, Director of the Department of Agriculture, Buitenzorg, who also states that it has proved very successful as a green manure when grown in alternation with corn, producing large quantities of vegetation rich in nitrogen. In the cinchona plantations it is very satisfactory, as it endures partial shade and forms a dense low growth which keeps the edges of the terraces together.

For previous introduction see No. 64064.

69121. SORGHUM VULGARE Pers. Poaceae. Sorghum.

Variety *Gandroeng Degem* 22. A locally developed strain.

69122. MIMOSA INVISA Mart. Mimosa-ceae.

A prostrate or ascending tropical leguminous plant with sensitive feathery foliage and rose-colored flowers. In Java this has been used as a cover plant.

For previous introduction see No. 45618.

69123 to 69125. SOJA MAX (L.) Piper (*Glycine hispida* Maxim.). Fabaceae. Soy bean.

Locally developed strains.

69123. Variety *Kedelee* 16.

69124. Variety *Kedelee* 27.

69125. Variety *Kedelee* 30.

69126 to 69142.

From Kotgarh, Simla Hills, India. Seeds presented by Richard B. Gregg. Received October 20, 1926.

Seeds collected in the Spiti region, western Tibet, in August, 1926.